

### **AMENDMENTS TO THE ABSTRACT**

A controller (~~180~~) optimizes an arrangement of component supply parts installed in a component supply unit while position information of mounting points on a circuit board is taken into account (~~S100 and S200~~), and then optimizes a mounting path to the circuit board under the arrangement (~~S300~~). Since the position information of mounting points is taken into account in obtaining the arrangement of component supply parts, wasteful mounting paths are reduced in comparison with the case of optimizing the mounting path on only the circuit board as in the conventional art, so that the mounting time can be shortened.